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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/891,705	06/26/2001	Jean Tourrilhes	10007837-1	1801

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

LE, KIET T

ART UNIT	PAPER NUMBER
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2683

DATE MAILED: 01/14/2004

4

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/891,705

Applicant(s)

TOURRILHES ET AL.

Examiner

Kiet T Le

Art Unit

2683

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). ____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____ 6) ☐ Other: ____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) The invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims **1, 3 – 9, 14, 15** are rejected under 35 U.S.C. 102(b) as being anticipated by Kibria et al (US – 6584175).

Regarding to **claim 1**, Kibria discloses a system for automatically configuring a first communication interface (see fig.3, antenna of the cellular phone 304) of a device for connection with an external wireless network (see fig. 2 & 3, antenna 206, col. 5, lines 62 –66) comprising: a communication parameter source (see fig. 3, RAM (106), col. 6. lines 9 – 11) external to the device to store communication parameters of the wireless network; a second communication interface (see fig. 3, (303), col. 6, lines 38 – 41) inside the device to communicate with the communication parameter source for the communication parameters; an interface configuration module coupled to the first and second communication interfaces (see col. 6, lines 47 – 51), wherein the interface configuration module causes the second communication interface to receive the communication parameters (see col. 6, lines 47 – 51), and then configures the first communication interface using the communication parameters such that the device can be connected to the wireless network (see col. 6, lines 61 – 65).

Regarding **claim 3**, Kibria discloses the second communication interface communicates with the communication parameter source wirelessly (col. 6, lines 9 - 13).

Regarding **claim 4**, Kibria discloses the first (see fig.3, antenna of the cellular phone 304) and second communication interfaces (see fig. 3, (303), col. 3, lines 40 - 41) and the interface configuration module reside inside the device (see col. 6, lines 47 - 51), while the communication parameter source is located outside the device (see fig. 3, RAM (106), col. 6. lines 9 - 11).

Regarding **claim 5** and **14**, Kibria discloses the communication parameter source is a beacon that broadcasts the communication parameters (see col. 6, lines 9 - 15).

Regarding **claim 6**, Kibria disclose the communication parameter source is a communication parameter server also connected with the wireless network (see col. 6, lines 9 - 16).

Regarding **claims 7** and **15**, Kibria discloses the first and second communication interfaces employ different wireless communication technologies (see fig. 3, col. 2, lines 41 - 43).

Regarding **claim 8**, Kibria discloses the interface configuration module detects when the first communication interface needs to be configured with the communication parameters (see col. 4, lines 10 - 28).

Regarding **claim 9**, Kibria discloses a method of automatically configuring a communication interface of a device for connection with an external wireless network, comprising:

(A) providing a second communication interface inside the device (see fig. 3, (303), col. 3, lines 40 – 41);

(B) causing the second communication interface to communicate with an external communication parameter source(RAM 106) for the communication parameters , wherein the communication parameter source stores the communication parameters of the wireless network (see col. 7, lines 33 - 39);

(C) configuring the first communication interface with the communication parameters received such that the device can be automatically connected to the wireless network (see col. 7, lines 20 – 24).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims **2, 12, 13** and **16** are rejected under 35 U.S.C. 103(a) as being unpatentable over Kibria et al (US – 6584174) in view of Brown et al (US – 5537474).

Regarding **claim 2** and **16**, Kibria discloses the second communication interface establishes a parameter source to receive the communication parameters. Kibria fails to disclose a secure communication link. Brown teaches a secure communication link (see Brown, col. 10, lines 39 – 43 or col. 10, line 64 to col. 11, line 1). Therefore, it would have been obvious to one of the ordinary skills in the art at the time of invention to

provide the above teaching of Brown to Kibria, in order to establish a secure connection with communication network.

Regarding **claim 12 - 13**, Kibria failed to disclose the second communication interface is an infrared communication interface that can automatically discover communication partners within range. Brown teaches the second communication interface is an infrared communication interface that can automatically discover communication partners within range (see, Brown, fig. 6, col. 10, lines 38 – 46).

Therefore, it would have been obvious to one of the ordinary skills in the art at the time of invention to provide the above teaching of Brown to Kibria, in order to establish a secure connection with different wireless communication technologies

5. Claims **10** and **11** are rejected under 35 U.S.C. 103(a) as being unpatentable over Kibria et al (US – 6584174) in view of Whiteside (US – 5835861)

Regarding **claim 10**, Kibria fails to disclose the step of broadcasting from the second communication interface a request for the communication parameters wirelessly. However, Whiteside teaches the step (B) further comprises the step of broadcasting from the second communication interface a request for the communication parameters wirelessly (see Whiteside, fig. 1col. 2, lines 47 - 55).

Therefore, it would have been obvious to one of the ordinary skills in the art at the time of invention to provide the above teaching of Whiteside to Kibria, in order to update the configuration parameters wirelessly.

Regarding **claim 11**, Kibria fails to disclose the steps of automatically discovering the communication parameter source; and connecting to the communication parameter source wirelessly. Whiteside teaches the steps of automatically discovering the communication parameter source; and connecting to the communication parameter source wirelessly (see Whiteside, col. 3, 27 – 36).

Therefore, it would have been obvious to one of the ordinary skills in the art at the time of invention to provide the above teaching of Whiteside to Kibria, in order to automatically update the configuration parameters wirelessly.

Conclusion


7. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Kiet Le whose telephone number is (703) 305-9006. The examiner can normally be reached on Monday-Friday from 8:00 am to 5:00pm.

If attempts to reach the examiner by phone are unsuccessful, the examiner's supervisor, William Trost can be reached on (703)-308-5318. The fax number for this group is (703) 872-9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Kiet Le.

Dec 23, 2003


WILLIAM TROST
SUPERVISORY PATENT EXAMINER
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